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Mar. 19, 1996 (GB) ..... 9605725.2

Feb. 16, 1996 (GB) ..... 9603325.3

Dec. 5, 1996 (GB) ..... 9625334.9

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NEW YORK, NY 10151 (US)**(51) **Int. Cl.<sup>7</sup>** ..... **A61K 31/56; C07J 1/00**(52) **U.S. Cl.** ..... **514/178; 552/626**(21) **Appl. No.: 10/084,235**(57) **ABSTRACT**(22) **Filed: Feb. 25, 2002****Related U.S. Application Data**

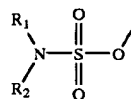
(60) Division of application No. 09/579,163, filed on May 25, 2000, which is a division of application No. 09/238,345, filed on Jan. 27, 1999, now Pat. No. 6,187,766, which is a division of application No. 09/111,927, filed on Jul. 8, 1998, now Pat. No. 6,011,024, which is a continuation-in-part of application No. 08/458,352, filed on Jun. 2, 1995, now Pat. No. 5,830,886, which is a division of application No. 08/196,192, filed on Dec. 27, 1994, now Pat. No. 5,616,574, filed as 371 of international application No. PCT/GB92/01587, filed on Aug. 28, 1992 said application number is a continuation-in-part of application No. PCT/GB97/00600, filed on Mar. 4, 1997, and which is a continuation-in-part of application No. PCT/GB97/004444, filed on Feb. 17, 1997, and which is a continuation-in-part of application No. PCT/GB97/03352, filed on Dec. 4, 1997.

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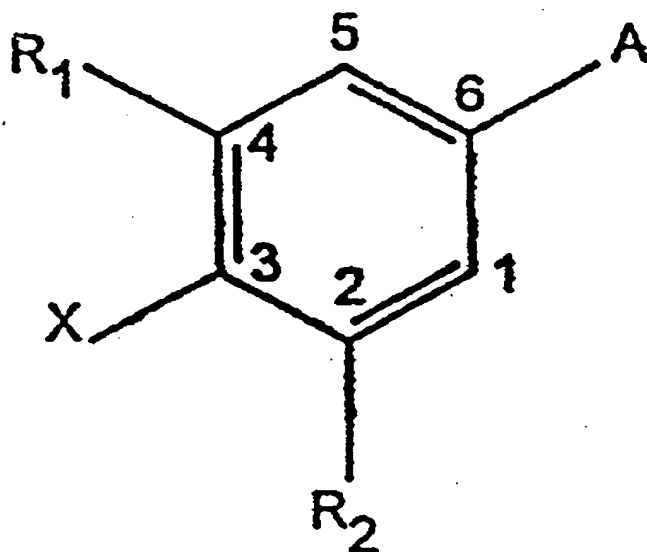
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A method of inhibiting steroid sulphatase activity in a subject in need of same is described.

The method comprises administering to said subject a steroid sulphatase inhibiting amount of a ring system compound; which ring system compound comprises a ring to which is attached a sulphamate group of the formula



wherein each of R<sub>1</sub> and R<sub>2</sub> is independently selected from H, alkyl, alkenyl, cycloalkyl and aryl, or together represent alkylene optionally containing one or more hetero atoms or is groups in the alkylene chain; and wherein said compound is an inhibitor of an enzyme having steroid sulphatase activity (E.C.3.1.6.2); and if the sulphamate group of said compound is replaced with a sulphate group to form a sulphate compound and incubated with a steroid sulphatase enzyme (E.C.3.1.6.2) at a pH 7.4 and 37° C. it would provide a K<sub>m</sub> value of less than 50 μM.



II